



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

September 10, 2003

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

TO: Interested Parties / Applicant

RE: Jayco, INc. / 039-17961-00265

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 8/11/03

Mr. Larry Mast
Jayco, Inc.
P.O. Box 460
Middlebury, Indiana 46540-0460

September 10, 2003

Re: 039-17961-00265
Third Administrative Amendment to
Part 70 T 039-5080-00265

Dear Mr. Mast:

Jayco, Inc. was issued a permit on June 30, 1999 for a stationary recreational vehicle manufacturing source.. A letter requesting a change in an emission source number. Pursuant to the provisions of 326 IAC 2-7-11(a)(7) the permit is hereby administratively amended as follows:

A.2 Emissions Units and Pollution Control Equipment Summary

- (d) One (1) recreation vehicle assembly line, known as ~~EU L-22~~ **EU L-10**, installed in 1973, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

The following is descriptive information and does not constitute an enforceable condition; however, the Permittee should be aware that physical changes or changes in the method of operation that may render this descriptive information obsolete or inaccurate may also trigger requirements for permits or permit modifications under 326 IAC 2.

- (a) One (1) recreation vehicle assembly line, known as EU L-1, installed in 1973, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 10 RVs per hour.
- (b) One (1) recreation vehicle assembly line, known as EU L-4, installed in 1974, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (c) One (1) recreation vehicle assembly line, known as EU L-5, installed in 1974, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (d) One (1) recreation vehicle assembly line, known as ~~EU L-22~~ **EU L-10**, installed in 1973, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.

D.1.3 Particulate Matter (PM) [326 IAC 6-3-2(c)]

- (a) The PM from the eight (8) assembly lines (EU L-1, L-4, L-5, L-6, L-8, L-22 **L-10**, & L-23) shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate for one hundred (100) up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

or

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

This was a change requested by the company to ensure consistency of internal records for this unit. The change is Administrative only and does not otherwise change the description of the emission unit other than the numbering.

Due to a name change since the permit was issued, all references to the Office of Air Management (OAM) were changed to reflect the new name of the Office of Air Quality (OAQ).

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Gary Freeman, of my staff, at 317-233-5334 or 1-800-451-6027, and ask for extension 3-5334.

Sincerely,
Original signed by
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments: Updated Pages

PD/gkf

cc: File - Elkhart County
Elkhart County Health Department
Air Compliance Section - Paul Karkiewicz

Compliance Data Section - Karen Ampil
IDEM Northern Regional Office
Permit Review Section 1 - Gary Freeman
Air Programs - Chet Bohannon

**PART 70 OPERATING PERMIT
and ENHANCED NEW SOURCE REVIEW
OFFICE OF AIR QUALITY**

**Jayco, Inc.
903 South Main Street
Middlebury, Indiana 46540**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 039-5080-00265	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: June 30, 1999 Expiration Date: June 30, 2004

First Minor Source Modification 039-11383-00265, issued December 3, 1999

Second Minor Source Modification 039-12099-00265, issued May 11, 2000

First Administrative Amendment 039-12165-00265, issued May 11, 2000

First Minor Permit Modification 039-12471-00265, issued August 1, 2000

First Reopening 039-13245-00265, issued January 29, 2002

Second Administrative Amendment 039-15547-00265, issued February 21, 2002

Third Administrative Amendment: 039-17961-00265	Pages Affected: 6, 29 and 30
Issued by: Original signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: September 10, 2003

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary recreational vehicle manufacturing source.

Responsible Official:	Larry Mast
Source Address:	903 South Main Street, Middlebury, Indiana 46540
Mailing Address:	P.O. Box 460, Middlebury, Indiana 46540-0460
SIC Code:	3792
County Location:	Elkhart
County Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) recreation vehicle assembly line, known as EU L-1, installed in 1973, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 10 RVs per hour.
- (b) One (1) recreation vehicle assembly line, known as EU L-4, installed in 1974, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (c) One (1) recreation vehicle assembly line, known as EU L-5, installed in 1974, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (d) One (1) recreation vehicle assembly line, known as EU L-10, installed in 1973, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (e) One (1) recreation vehicle assembly line, known as EU L-23, installed in 1974, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (f) One (1) recreation vehicle assembly line, known as EU L-8, installed in 1976 exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (g) One (1) woodworking operation, known as EU W-16, installed in 1973, exhausted to vent W-

16, consisting of various saws, routers, and milling equipment, equipped with one (1) baghouse, known as CE-16, exhausted to vent W-16, equipped with one (1) cyclone, known as CE-21, exhausted to P21-1, capacity: 1,100 pounds of wood per hour.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

The following is descriptive information and does not constitute an enforceable condition; however, the Permittee should be aware that physical changes or changes in the method of operation that may render this descriptive information obsolete or inaccurate may also trigger requirements for permits or permit modifications under 326 IAC 2.

- (a) One (1) recreation vehicle assembly line, known as EU L-1, installed in 1973, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 10 RVs per hour.
- (b) One (1) recreation vehicle assembly line, known as EU L-4, installed in 1974, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (c) One (1) recreation vehicle assembly line, known as EU L-5, installed in 1974, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (d) One (1) recreation vehicle assembly line, known as EU L-10, installed in 1973, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (e) One (1) recreation vehicle assembly line, known as EU L-23, installed in 1974, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (f) One (1) recreation vehicle assembly line, known as EU L-8, installed in 1976 exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (h) One (1) lamination operation, known as lamination, installed in 1973, exhausted internally, maximum capacity to support assembly line production.
- (i) One (1) metal and wood spray booth, known as EU SB-2, installed in 1973, exhausted to vents P4-1 and P4-2, using air assisted, airless, and conventional spray equipment, equipped with dry filter control, maximum capacity to support assembly line production.
- (j) One (1) wood component spray booth, known as EU SB-3, installed in 1973, exhausted to vent P4-3, using conventional spray equipment, equipped with dry filter control, maximum capacity to support assembly line production.
- (k) One (1) wood component dip tank, known as EU DB-4, installed in 1973, exhausted to vent P4-4, maximum capacity to support assembly line production.
- (l) One (1) adhesive on wood application area, known as EU SB-5, installed in 1976, exhausted to vent P8-1, using air atomized spray equipment, maximum capacity to support assembly line production.
- (m) One (1) recreation vehicle assembly line, known as EU L-6, installed in 1987, exhausted internally, includes adhesive application, solvent wiping, caulking, and touch-up paint operations, capacity: 4 RVs per hour.
- (n) One (1) wood component spray booth, known as EU SB-1, installed in 1992, exhausted to vent P16-1, using conventional spray equipment, equipped with dry filter control, maximum capacity to support assembly line production.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

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- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compounds (VOC) content of coating delivered to the applicators at EU SB-2 shall be limited to three and a half (3.5) pounds of VOC per gallon of coating less water on a daily volumetrically weighted basis on all days when total VOC emissions from this spray booth exceed fifteen (15.0) pounds, for forced warm air or air dried coatings.

- (b) Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

- (a) The VOC delivered to the applicators of the vehicle assembly line EU L-6 shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.
- (b) Any change or modification which may increase actual VOC usage to twenty-five (25) tons per year or more from the vehicle assembly line EU L-6 will make the facilities subject to 326 IAC 8-1-6.

D.1.3 Particulate Matter (PM) [326 IAC 6-3-2(c)]

- (a) The PM from the eight (8) assembly lines (EU L-1, L-4, L-5, L-6, L-8, L-10, & L-23) shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate for one hundred (100) up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

or

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

- (b) The PM from the four (4) spray booths, one (1) dip booth and one (1) lamination booth (EU SB-1, SB-2, SB-3, DB-4, SB-5 & Lamination) shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

or

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$